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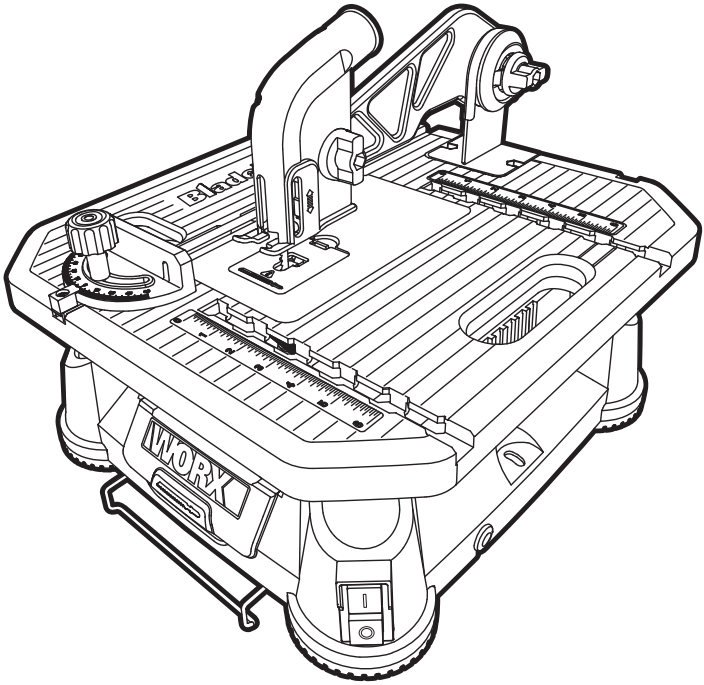
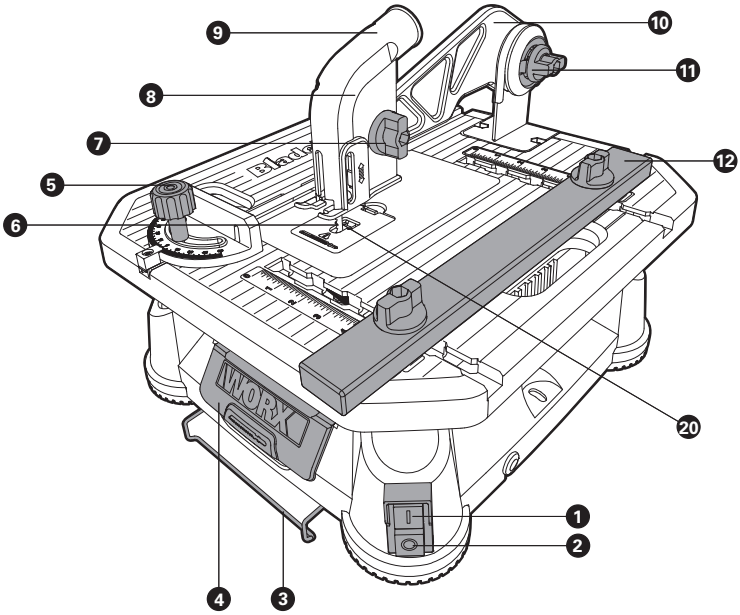


BladeRunner® X2

SAFETY AND OPERATING MANUAL

BladeRunner® X2 **WX572**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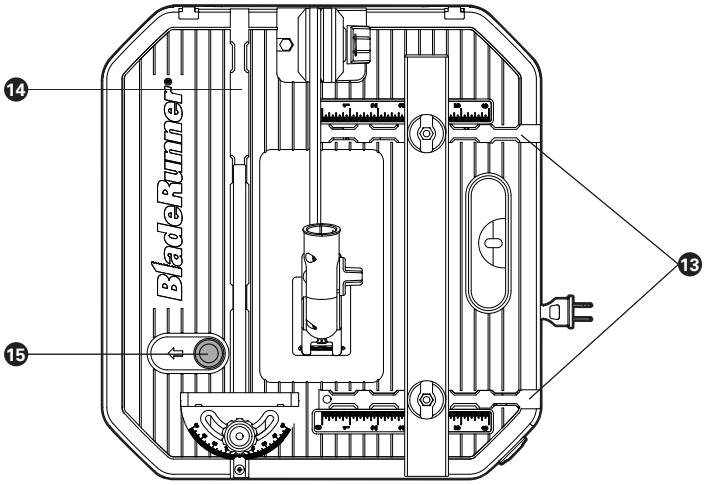
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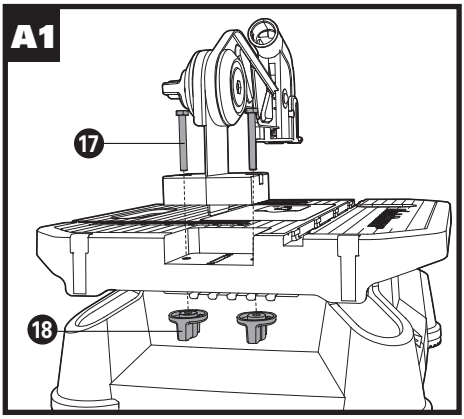
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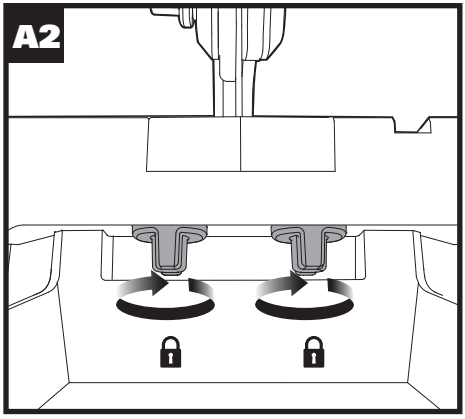
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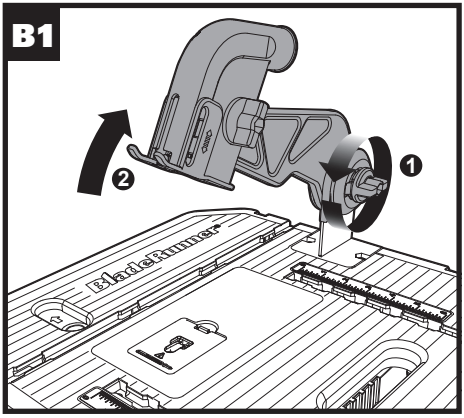
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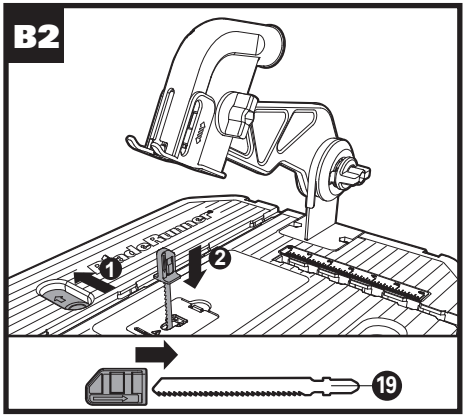
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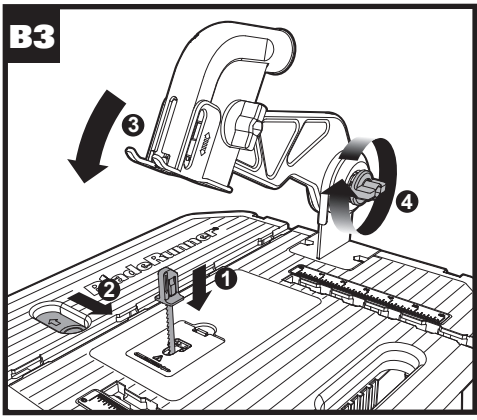
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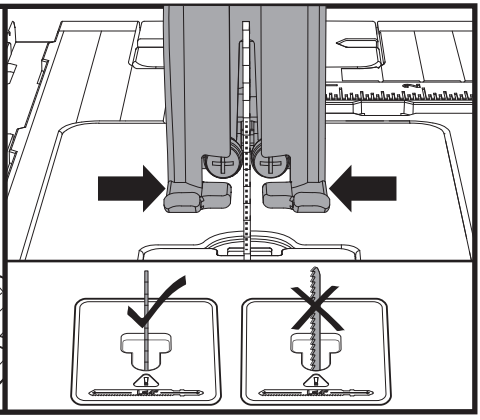

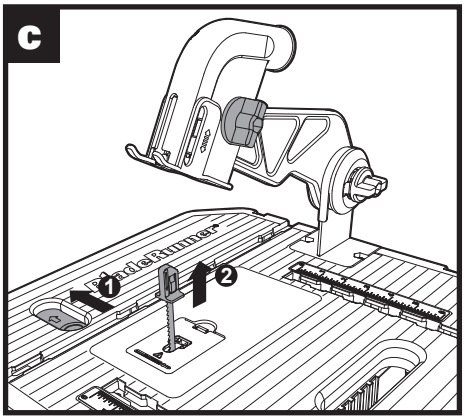
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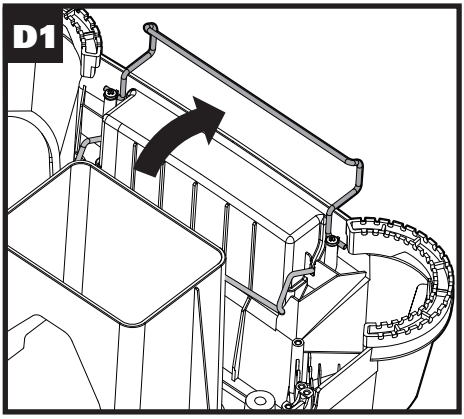
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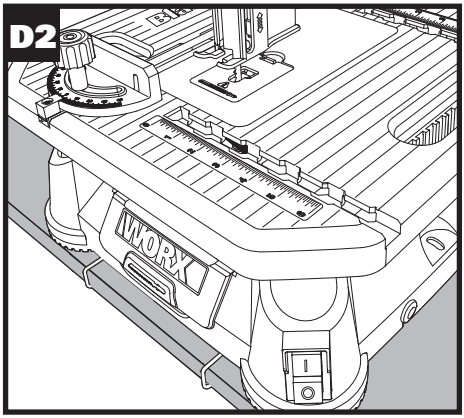
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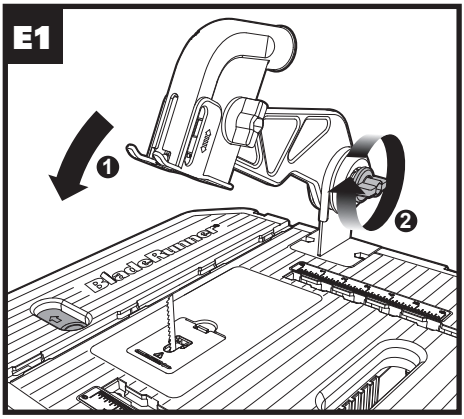
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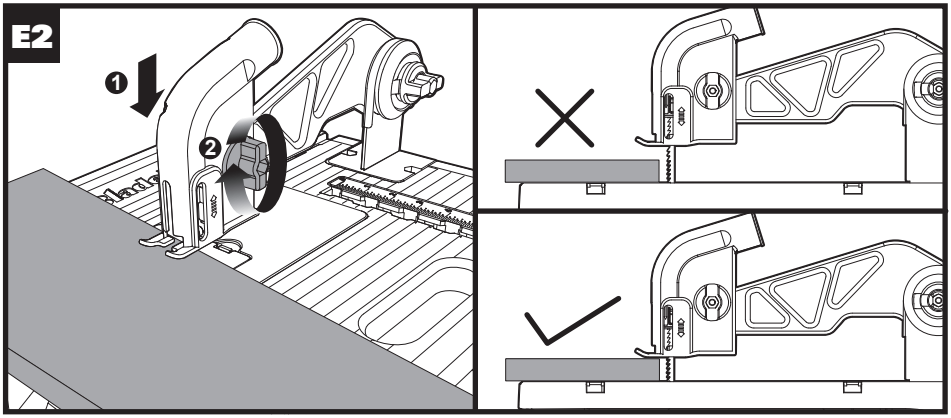
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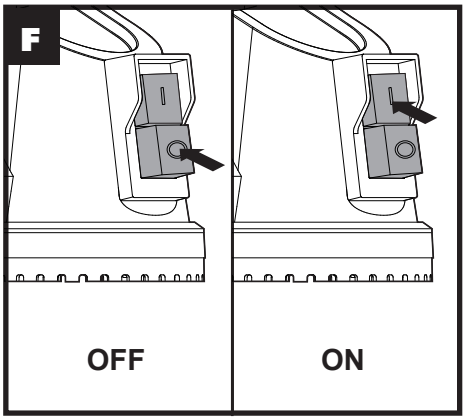
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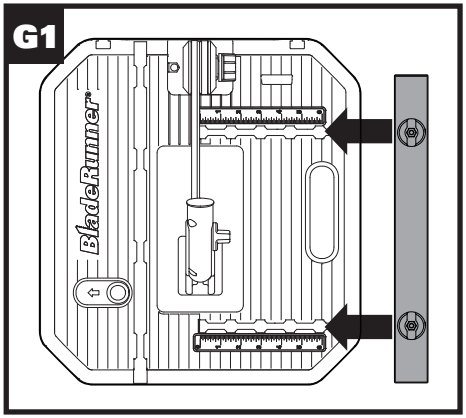
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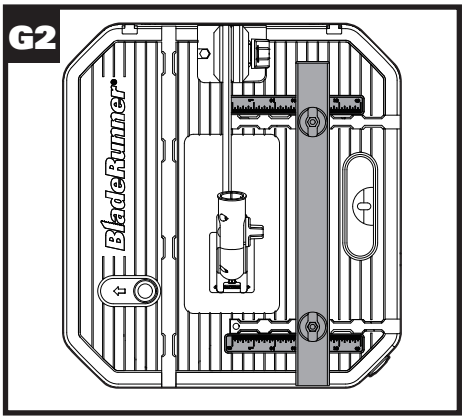
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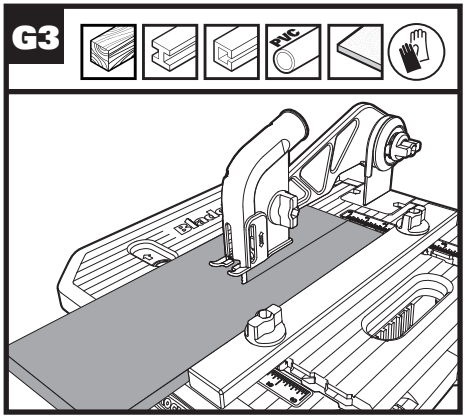
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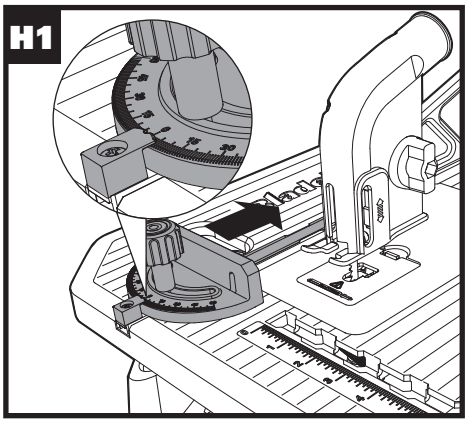
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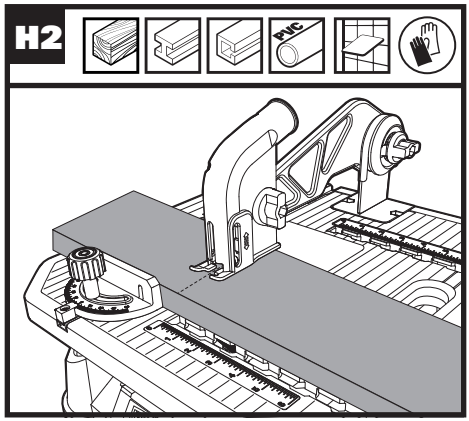
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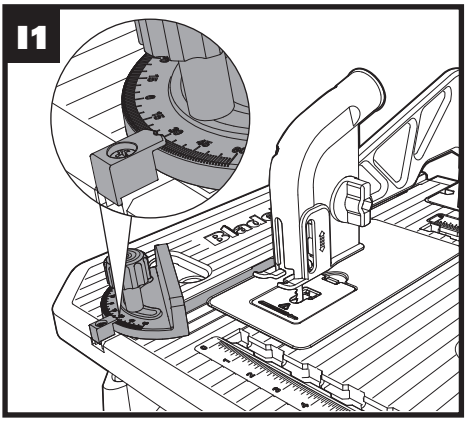
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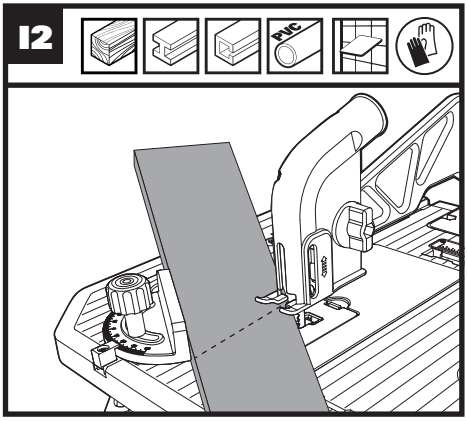
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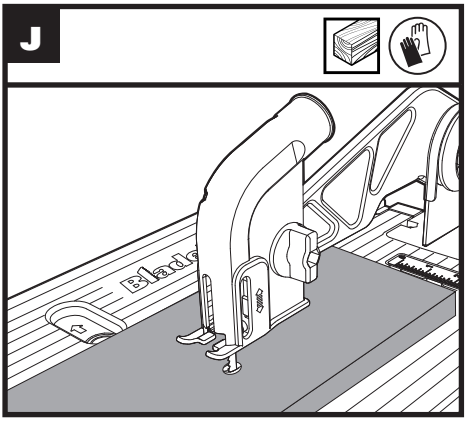
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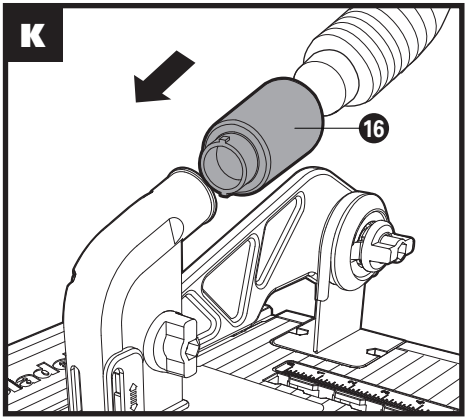
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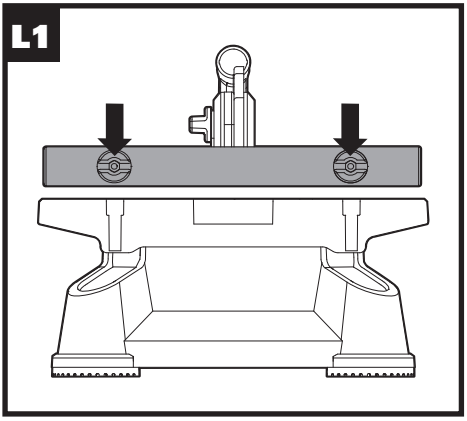
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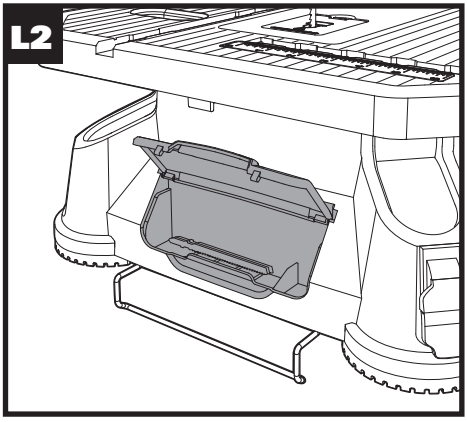
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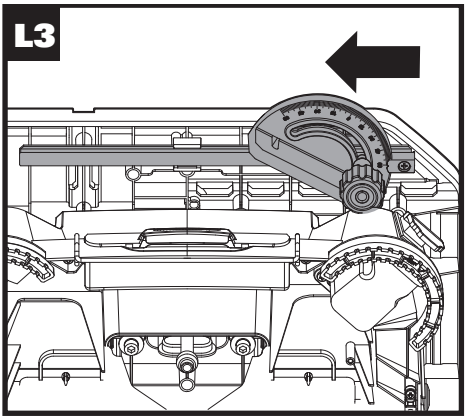
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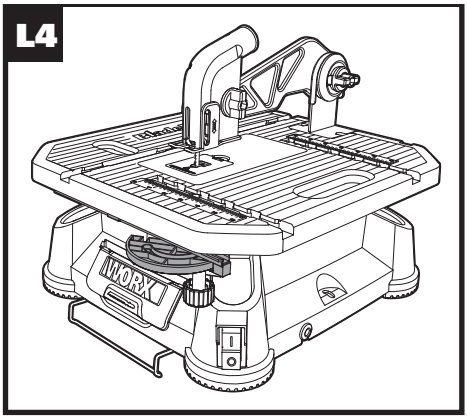
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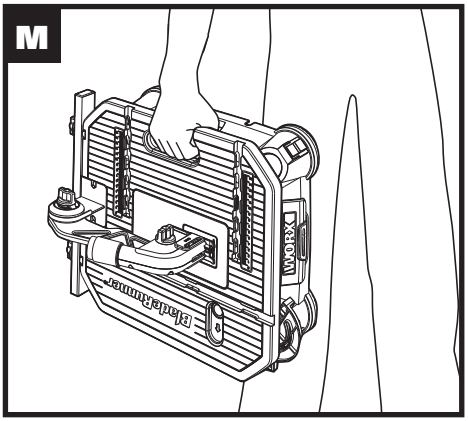
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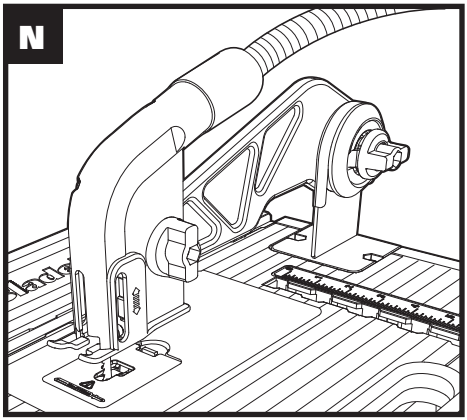
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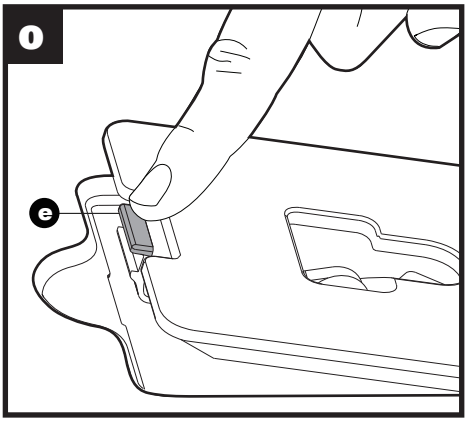
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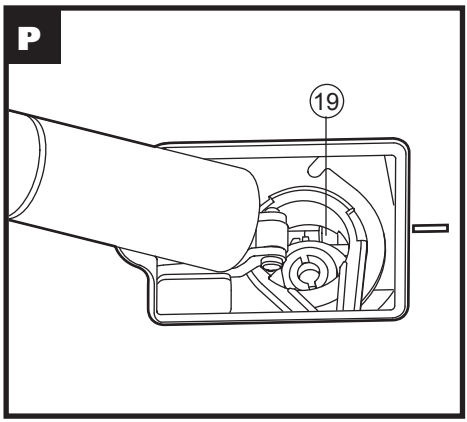
P
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1. ON SWITCH
2. OFF SWITCH
3. STABILIZER BRACKET
4. BLADE STORAGE
5. MITER GAUGE
6. TABLE INSERT
7. GUARD KNOB
8. GUARD
9. VACUUM PORT
10. GUARD ARM
11. GUARD ARM CLAMP KNOB
12. RIP FENCE
13. FENCE SLOT
14. MITER SLOT
15. BLADE RELEASE
16. VACUUM ADAPTER (See Fig. K)
17. BOLT (See Fig. A1)
18. GUARD ARM ASSEMBLY KNOB (See Fig. A1)
19. BLADE (See Fig. B2)
20. BLADE HOLDER

TECHNICAL DATA

Voltage		230-240V~50/60Hz
Rated power		650W
No load speed		3000/min
Cutting capacity	Wood	40mm
	PVC pipe	30mm
	Aluminum	10mm
	Steel	3mm
	Ceramic	10mm
Stroke Length		19mm
Blade shank		T-shank
Blade length		100mm or less
Table size		400X430mm
Protection class		⧈/II
Weight		6.7Kg

ACCESSORIES

Miter gauge **1**
Rip Fence **1**
Blades:
Wood cutting blade **1**
Aluminum cutting blade **1**
Steel cutting blade **1**
Ceramic Tile Cutting Blade **1**
Scrolling Blade **1**
Vacuum Adapter **1**
Blade Grip **1**

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

SAFETY INSTRUCTIONS

WARNING! When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury including the following.
Read all these instructions before attempting to operate this product and save these instructions.
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the appliance.

SAFE OPERATION

1. Keep work area clear
- Cluttered areas and benches invite injuries.

2. Consider work area environment
- Do not expose tools to rain.
- Do not use tools in damp or wet locations.
- Keep work area well lit.
- Do not use tools in the presence of flammable liquids or gases.

3. Guard against electric shock
- Avoid body contact with earthed or grounded surfaces {e.g. pipes, radiators, ranges, refrigerators).

4. Keep other persons away
- Do not let persons, especially children, not involved in the work touch the tool or the extension cord and keep them away from the work area

5. Store idle tools
- When not in use, tools should be stored in a dry locked-up place, out of reach of children.

6. Do not force the tool
- It will do the job better and safer at the rate for which it was intended.

7. Use the right tool
- Do not force small tools to do the job of a heavy duty tool.
- Do not use tools for purposes not intended; for example do not use circular saws to cut tree limbs or logs.

8. Dress properly
- Do not wear loose clothing or jewellery, they can be caught in moving parts.
- Non-skid footwear is recommended when working outdoors.
- Wear protective hair covering to contain long hair.

9. Use protective equipment
- Use safety glasses.
- Use face or dust mask if working operations create dust.

10. Connect dust extraction equipment
- If the tool is provided for the connection of dust extraction and collecting equipment, ensure these are connected and properly used.

11. Do not abuse the cord
- Never yank the cord to disconnect it from the socket Keep the cord away from heat, oil and sharp edges.

12. Secure work
- Where possible use damps or a vice to hold the work. It is safer than using your hand.

13. Do not overreach
- Keep proper footing and balance at all times.

14. Maintain tools with care
- Keep cutting tools sharp and clean for better and safer performance.
- Follow instruction for lubricating and changing accessories.
- Inspect tool cords periodically and if damaged have them repaired by an authorized service facility.
- Inspect extension cords periodically and replace if damaged.
- Keep handles dry, clean and free from oil and grease.

15. Disconnect tools
- When not in use, before servicing and when changing accessories such as blades, bits and cutters, disconnect tools from the power supply.

16. Remove adjusting keys and wrenches
- Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

17. Avoid unintentional starting
- Ensure switch is in “off” position when plugging in.

18. Use outdoor extension leads

- When the tool is used outdoors, use only extension cords intended for outdoor use and so marked.

19. Stay alert

- Watch what you are doing, use common sense and do not operate the tool when you are tired.

20 - Check damaged parts

- Before further use of tool, it should be carefully checked to determine that it will operate properly and perform its intended function.
- Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation.
- A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless otherwise indicated in this instruction manual.
- Have defective switches replaced by an authorized service centre.
  Do not use the tool if the switch does not turn it on and off.

21. Warning

- The use of any accessory or attachment other than one recommended in this instruction manual may present a risk of personal injury.

22. Have your tool repaired by a qualified person

- This electric tool complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

23. If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.

ADDITIONAL SAFETY INSTRUCTIONS FOR BLADE RUNNER

1. Safety precautions

1) Do not use saw blades which are damaged or deformed;
2) Replace the table insert when worn;
3) Connect the machine to a dust-collecting device when sawing wood and tile;
4) Do not operate the machine when the door or guard protecting the saw blade is open;
5) Do not clean the saw blade whilst it is in motion;
6) Wear suitable personal protective equipment, when necessary, this could include:

- Hearing protection to reduce the risk of induced hearing loss;
- Respiratory protection to reduce the risk of inhalation of harmful dust;
- Gloves for handling the saw blade and rough material.

2. Safe operation

1) When straight cutting against the fence use a push stick;
2) During transportation the saw blade guard should be fully down and close to the table;
3) When bevel-cutting with the table inclined, place the guide on the lower part of the table;
4) When cutting round timber use a suitable holding device to prevent twisting of the workpiece;
5) Lifting and transportation positions shall clearly be indicated on the tool;
6) Do not use guarding for handling or transportation;
7) Adjust the adjustable guard as close to the workpiece as practicable;
8) Adjust the guard as close as possible to the piece to be cut;
9) Make sure the workpiece is firmly contact with the work table. Never lift it by your hands;
10) Never adjust or assemble the rip fence or mitre gauge when the machine is working.

SYMBOLS

	To reduce the risk of injury, user must read instruction manual
	Double insulation
	Wear ear protection
	Wear eye protection
	Wear dust mask
N5112	RCM mark
	Warning: do not expose to rain or use in damp locations
	Before any work on the machine itself, pull the power plug from the outlet
	Wear protective gloves
	Wood
	Aluminium
	Metal
	Plastic

	Ceramic tile
TPI	Teeth per inch
	Incorrect
	Correct
	Lock
	Unlock
	Tighten Guard and Guard Arm firmly down onto material, don't raise up the Guard Arm when cutting.

OPERATING INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

BladeRunner®— A compact, easy-to-use table-top tool for cutting wood, metal, plastic, and ceramic tile. Lightweight and portable for use right at the work area. Blade is stationary while user moves the material for easier, more precise work.

BEFORE PUTTING THE MACHINE INTO OPERATION

1. All covers and safety devices have to be properly fitted before the machine is switched on.
2. It must be possible for the blade to run freely.
3. When working with wood that has been processed before, watch out for foreign bodies such as nails or screws etc.
4. Before you turn ON the switch, make sure that the saw blade is correctly fitted and that the machine's moving parts run smoothly.
5. If the cutting operation will produce a high amount of dust, especially hazardous dust such as ceramic tile or treated wood, connect an effective vacuum to the vacuum port (9).

ASSEMBLY AND OPERATION

Action	Figure
Guard arm installation	See Fig. A1,A2
Blade installation	See Fig. B1-B3
Blade changing	See Fig. C
Stabilizer bracket adjustment	See Fig. D1,D2
Guard adjustment	See Fig. E1,E2
On/off safety switch	See Fig. F
Rip cut	See Fig. G1-G3
Cross cut	See Fig. H1,H2
Miter cut	See Fig. I1,I2
Internal cut	See Fig. J
Dust collection	See Fig. K
Store the accessories	See Fig. L1,L2,L3,L4
Carrying	See Fig. M

MAINTENANCE

WARNING:
Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

To insure proper operation and extend tool life, prevent dust from accumulating under the table insert (5).

a) Be sure to use a vacuum or dust extractor for dusty cutting operations such as ceramic tile. (See Fig. N)
b) If dust accumulates, remove the Table Insert by lifting the latch (e). (See Fig. O)
c) Vacuum out the dust in and around the Blade Holder. (See Fig. P)
d) Reattach the Table Insert securely.

There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

TROUBLE SHOOTING

Symptom	Possible Causes	Possible Solution
Tool will not start when switched on.	• Power cord is not plugged in.	• Check to make sure power cord is connected well into a working outlet.
Poor cut quality	• Blade is worn out. • Blade is set incorrectly •Too much vibration in material. •Too much vibration of the saw. • Feed rate too fast.	• Make sure the blade is sharp and not broken. • Make sure the blade is installed properly. • Tighten Guard and Guard Arm firmly down onto material. • Clamp or fasten saw base to tabletop. • Feed the material more slowly.
Work efficiency is low.	• Blade is worn out. • Feed rate too fast.	• Change to a new blade. • Feed the material more slowly.
Blade is not clamped tightly by the Blade Holder.	• Blade is not inserted into place fully.	• Use blade grip to push the blade as far into the blade holder as possible before letting go of Blade Release.
Blade Release button cannot be pressed down.	• Dust accumulates.	• Clean the dust around the Blade Release button.
Guard Arm vibrates too much.	• Screws fixing the Guard Arm on the work table are loose.	• Tighten the screws as shown in Fig A1.
Rip Fence cannot slide into Fence Slot smoothly.	• Rip Fence locking knob too tight.	• Loosen the Rip Fence locking knob.

you've got the power

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